AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract section with the following:

A sensor for performing surface enhanced Raman spectroscopy comprises: a) a sensor body having a throughbore; an optical energy source for generating an optical excitation signal; b) a surface enhanced Raman scattering structure that is mounted to the sensor body through which the optical excitation signal is directed for irradiating an analyte, whereupon the analyte generates primary Raman emissions in response to being irradiated by the optical excitation signal, and wherein the surface enhanced Raman scattering structure generates secondary Raman emissions when irradiated by the optical excitation signal; c) an optical detector for generating an output signal that represents the spectral characteristics of the primary and secondary Raman emissions in response to receiving the primary and second Raman emissions; and d) a processor for substantially filtering the secondary Raman emission from the primary Raman emissions and for generating an output signal representing the analyte.

Please replace the first paragraph on page 1 with the following:

CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation-in-part of commonly assigned U.S. Patent Application Serial No. 09/593,675, filed 14 June 2000, now U.S. Patent No. 6,406,777 and entitled *A METAL AND GLASS STRUCTURE FOR USE IN SURFACE ENHANCED RAMAN SPECTROSCOPY AND METHOD FOR FABRICATING SAME*, and is a continuation-in-part of commonly assigned U.S. Patent Application Serial No. 09/805,665, filed 13 March 2001, now U.S. Patent No. 6,614,523 and entitled *SENSOR FOR PERFORMING SURFACE ENHANCED RAMAN SPECTROSCOPY.*